

FROM PRESIDENT'S DESK



IETE has been leveraging the technological progress by voluntarily adopting the relevant & progressive programmes. We are committed to "Sah Veeryam Karvavahai" and pursue challenges and opportunities with various professional bodies to meet the national needs. The recently conducted programmes by IETE under World Telecommunication & Information Society Day and IETE Apex Forums endeavoured to foster the contribution of industry and society for the overall development of our country.

Information and Communication Technology has touched and impacted all aspects of individual and social life. It has transformed our life style and changed the pace of human activity. Globalization triggers the impact of any happening in any part of the world to the rest of the world. The pace of human activities has accelerated beyond imagination and 24/7 has become the norm of work schedule. The one-way interaction amongst the rich and the poor due to existing inequalities is causing grave concern and insecurities in spite of technological advancements, industrial prosperity and global connectivity.

This year's theme of World Telecommunication & Information Society Day, chosen by ITU, emphasizes fostering of better understanding among the developing countries for peace, health, harmony and communication. Giving opportunities to the young who have the same aspirations like right to work, right to life, right to communicate & express is the need of the hour for socio-economic, political and cultural developments. The human ability for developing literacy and education for every child is grievously unrealized. In India, our biggest asset is our population but this population needs to be connected, especially the young in this networked world. IETE with its 52 local centers is endeavouring to educate and disseminate information to bring about the changeover to ICT based system of work. We are trying to realize this new order in the technical fields by a constructive approach to increase the capacity for communication at every level-the individual, the community and the nation. It is also a matter of great pride that IETE is constantly contributing towards this cause by introducing new short-term courses at its major centers from time to time apart from regular curriculum, setting up virtual laboratories at Pune centre for the benefit of the students, embarking on Edusat programmes for the students to get information sitting at remote places and proposed IETE-Academy for students desirous of thorough training in practical, theory and project work. Project competitions, workshops, technical talks and visits are arranged regularly for creating social awareness to benefit from these technologies.

I am sure that the deliberations of the Apex Forums and 39th World Telecommunication & Information Society Day would encourage our policy makers and industry leaders to promote such national policies which provide equal opportunities to all to surge ahead in their quest for knowledge overcoming the communication barriers. We welcome your feedback and suggestions at ietend@bol.net.in. This will motivate us further.

S. Narayana
S NARAYANA

39th World Telecommunication & Information Society Day Celebrations at IETE HQs and Local Centres (May 17, 2007)



Lighting of the ceremonial lamp by dignitaries at IETE HQs.



A view of the dais, IETE New Delhi.



A view of audience at Bangalore centre.



Dignitaries on the dais, Chandigarh centre.



Chairman's Speech, Chennai centre



Distinguished speakers at IETE Guwahati centre

NEWS FROM HEADQUARTERS

Report of World Telecommunication & Information Society Day Celebrations

The 39th World Telecommunication Day, now called "World Telecommunication & Information Society Day" was celebrated at IETE HQ, New Delhi on May 17, 2007 with great enthusiasm on the theme selected by ITU "Connecting the Young: the opportunities of ICT". On this occasion, Mr Ban-Ki-moon, UN Secretary-General, in his message has urged everyone to promote visionary public policies, innovative business models and creative technological solutions to empower young people and engage them in the global effort to achieve the Millennium Development Goals. The young people are the driving force behind innovations in the development and use of new technologies, but the digital chasm makes many of them unable to capitalize fully the benefits of globalization. They should be given equal opportunities to rise above the handicaps of poverty and illiteracy to realize their full potential. Dr Hamadoun Touré, ITU Secretary-General, has also called for policy makers to develop such national e-strategies that address the special requirements of children, especially the disadvantaged and marginalized ones, to ensure their full inclusion in the information society of today. He said that ITU was focused on integrating youth issues with development activities as a means of offering the young more opportunities and better choice of options for the future.

The Chief Guest on the occasion was His Excellency, Dr A R Kidwai, Governor of Haryana. The proceedings started with lighting of the ceremonial lamp and invoking Lord Ganesha's blessings. The dignitaries on the dais were Shri S Narayana, President IETE; Prof K K Aggarwal, Vice Chancellor, GGS IP University; Shri Shyamal Ghosh, Former Chairman, Telecom Commission; Shri P K Garg, Wireless Advisor to the Govt of India; Shri R K Gupta, Chairman, TPC and Brig (Retd) V K Panday, Secy General, IETE. The theme was introduced by Shri R K Gupta who also emphasized the IETE's contribution in holding appropriate seminars and conventions on various ICT related themes and mentioned IETE's future plan of starting virtual classrooms with the help of ISRO. Floodgates of opportunities could open with the entry of various 3G technologies and each technology would flourish in coming times, he said. Shri S Narayana in his presidential address thanked everyone including Shri R K Gupta for assistance in giving better visibility to IETE activities. He appreciated the theme chosen by ITU for the occasion, as it would help the developing countries to get

connected effectively. He said that access to and familiarity with ICT in a safe environment was imperative to the future of today's youth, women and underprivileged. Every one had the right to influence, to be heard and right to feel safe in the society. For this opportunities have to be created for making young people's involvement central, to motivate and value their involvement, to be flexible to their needs and using ICT to their support. The specific areas, he said that need to be addressed were health, education, housing, etc.

Prof K K Aggarwal very aptly discussed the influences of ICT and the benefits of providing equal opportunities to the youth. He enumerated the ways ICT was facilitating their day-to-day activities and the youth who were the main adapter and adopter of any new technology, to be given preference to reap its benefits for equality, fraternity and liberty. He said that if the opportunities and assets were not being utilized, it was not the fault of technology but the lack of the relevant applications and approaches that failed to include the young into the informed society. IT according to him meant "Intelligence Transferred" and not "Information Technology". He emphasized on creating an equal world order for every one.

Shri Shyamal Ghosh was felicitated by the Chief Guest, H E Dr A R Kidwai, on his election as Chairman, Self Regulatory Organization (SRO) set up by the NASSCOM. In his address Shri Ghosh said that IETE had shown the real convergence by performing the roles of electronics and telecommunications together. He opined that if convergence and the valuable infrastructures were utilized properly, it would fulfill everyone's dreams. India, the next powerhouse as per every projections could come true if the young force was given accessibility to explore the opportunities equally, as every single child was born with the same intelligence, whether urban or rural. Shri P K Garg, Wireless Advisor to the Govt of India, traced the history of ITU and its growth. He called communication the next basic need after shelter, food and clothing. He said that computers and telecommunications had opened vast horizon for everyone. Communication is the engine of socio-economic growth, hence the youth especially in the rural areas should be empowered and enlightened. Talking of spectrum requirements, he said that there should be proper utilization of this scarce resource by all the technologies together. The Chief Guest, Dr A R Kidwai, emphasized on the theme from educational point of view. The vote of thanks was proposed by Brig (Retd) V K Panday, Secretary General, IETE.

IETE Apex Forums

Spectrum Issues for Emerging Wireless Technologies- Apex Forum at New Delhi

The Industrial Coordination Committee has planned to hold four Apex forum Meetings during this session. After successful conduct of the Forum Meeting at Pune, on the 20th of January 2007 on the subject "Education through 3A's (Any time, Any where and to Any One)", the second Apex Forum of the year was held on April 12, 2007 at India International Centre, New Delhi, on the ever-important topic of "**Spectrum Issues for Emerging Wireless Technologies**". Frequency Spectrum is a fixed resource, which is used for every wireless communication channel, anywhere and everywhere. Shri P N Chopra, DIG, BSF (Retd), Chairman of the Industrial Coordination Committee of the IETE and convener of the Apex Forum while welcoming the distinguished gathering of experts said that telecommunications is a key factor in the development of social, economic, commercial and cultural activities of a country. He enumerated the various facilities, which use telecommunication and stated that modern trend is towards unwiring telecom and going more towards mobility for which radio frequency spectrum is an important resource.

Shri S Narayana, President, IETE presided over the function. In his presidential address he talked about the importance of the topic and talked about the role of communications in the spread of education to remote and rural India. An overview of the subject was given by Lt Gen (Retd) D P Sehgal, PVSM, AVSM, VSM, Past President of IETE who also moderated the panel discussion and the interactive session. He spoke about the broadband, digitization that is helping convergence and current technologies such as CDMA, Wi-Fi, Wi Max, GMPLS and also traced the problems created by the mismatch between the requirement and allocation of spectrum right from 1981 till date. He moderated the interactive debate and sought the views of the experts the techno savvy audience for finding solutions to the problem.

Shri Kiran Karnik, President Nasscom, was the Chief Guest. In his address he said, "There is need to strive to push the frontiers of available bands and expressed disappointment in national R&D efforts, where we have done very little, in spite of being the biggest market of mobile phones, but till very recently we were not producing any handsets".

Shri P K Garg, Wireless Adviser, was felicitated by Shri S Narayana for being elected as member of the Radio Regulations Board (RRB) of ITU. The expert panelists who deliberated on the subject were : Shri P K Garg, Wireless

Adviser; Lt Gen Shree Kumar, Signal Officer, Chief Insp Army; Shri S N Gupta, Advisor, British Telecom; Shri Bhatnagar, Chief Engineer Research, AIR/DD; Shri Venugopal, ASTS Bangalore; Wg Cdr T R Dua (Retd), Adv Cellular Operator Association of India; Dr Rakesh Malhotra, Tata Telecom; Shri Ashish Sanyal, Sr Director, DIT; P Hazoor Saran, IIT Delhi; Shri V P Sandlas, former Controller of R&D, DRDO; Shri V K Arya, DDG, TRC, and experts from different organisations. There were rich presentations by the panelists which culminated in a very meaningful discussion.

Lt Gen Sehgal finally summed the debate and said though we are seized of the problem, but still in our new thinking and working we presume that somebody will solve the problem. But who is that somebody? We don't know. Generally people feel that we have an organization, we have national frequency allocations, we have group of ministers, we have IT task force, number of committees, but still confidence in the minds of users is almost zero.

Emerging trends in Rural Education through Internet- Apex Forum at Kolkata

The third Apex Forum was held on May 12, 2007 at Kolkata on "**Emerging Trends in Rural Education through Internet**". This forum was presided over by Shri S Narayana, President IETE. The Keynote address was delivered by Prof Debesh Das, Minister of Information Technology, Government of West Bengal. Presentations by expert panelists comprised: Prof Gouri Pada Dutta, Rural Health Centre (Medical Doctor); Shri Ranjit Kumar Maiti, Joint Secretary, P & RD Dept, Govt of W B; Sri A C Debnath; Shri Singh, Regional Manager, VSNL; Sri A B Saha, Executive Director, CDAC. Shri P N Chopra, Chairman ICC, in his welcome address spoke about the activities planned under the committee and introduced the topic. He brought out the need for improving rural connectivity without which it is difficult to achieve provision of an Internet connection at each Gram Panchayat. All these developments are very welcome and availability of broadband services in the country have made information accessing easy and created a direct impact in respect of easy reach to the currently unreachable. Internet access, through Fiber, Satellite, wireless and other modern technologies and the availability of national rural connectivity revolves around the availability of an Internet connection at every Gram Panchayat in the country. He talked about the importance of Internet connectivity as any other method of physical means may incur higher cost, larger time and may not provide enough effective feedback path.

Dr T K De, Chairman Kolkata centre, highlighted his vision of Internet use for rural education and talked about the role of IT and the e-Awareness programmes for Rural Development. He stressed that at least one Internet connection with 24 hours uninterrupted service to every Gram Panchayet be available so that every social awareness programme including education of rural mass can be completed most efficiently in a most cost effective way in the shortest possible time. The President IETE, Shri S Narayana talked about the contribution of IETE in the national arena in disseminating education. This concept if achieved, will help in bridging the digital divide. IETE is also planning to use the National satellite program for reaching students in remote and rural areas in its program of distance education. He talked about the launch of an exclusive satellite for education, EDUSAT, whereby the educational needs of those living in the remotest areas would now be addressed easily and that the IETE has also taken full advantage of the National satellite program for distant learning program for its students. The IETE has a dedicated group which is involved in creating course material and systematic delivery to reach students at all the IETE Centers in the country. IETE has its own server for consolidation of the distant learning program. Giving them an option of earning while learning, the system of distance education is becoming more and more popular. The IETE on its part is actively considering to use internet for helping rural India and have started interacting with appropriate people in this respect by adopting villages in the neighborhood of IETE Centres for extending computer education. The concept has been started as Pilot scheme at Nagpur center of IETE as an experimental initiative wherein five villages near the city would receive the computers with connectivity as well as few information kiosks to empower them to overcome farming problems.

NEWS FROM LOCAL CENTRES

Aurangabad

The sub-centre organized a lecture on "Access Technologies & Broadband Connectivity" by Shri R V Datar, Vice Chairman, IETE Pune centre on the occasion of 39th World Telecommunication & Information Society Day on May 17, 2007. He covered various aspects of developing technologies in the field of telecommunication like ADSL, Wi-Fi, Wi-Max, LMDS etc. He said that today in every office, computers are interconnected with the help of LAN, helping in transmission of all three modes of communication, voice, video and data. He also said that in today's IT world young engineering graduates have immense opportunities in the field of telecommunication and with the proper use of emerging technologies India could change into a knowledge society. Prof G S Raju, Hony Secretary, IETE Aurangabad centre

published an informative article in the local newspaper "Lokmat Times" about the historical perspective of World Telecommunication Day, ITU and its development over the years. Dr S C Mehrotra, Chairman of the sub-centre also spoke on the occasion.

Bangalore

The following activities were organized :-

- **Short-term courses** on RTOS (VX works), Embedded system, VLSI design and VHDL & FPGA System were conducted by Shri Sai Kumar, Prof Cyril Prasanna Raj, Shri Venugopal and Shri Karthik.
- **Inauguration of Summer School in Electronics (SUSIE-07)** with 36 students from 30 schools on April 01, 2007. Eminent persons were invited to address the students of SUSIE-07. Shri Govind Raj, Consultant, explained the generation of electricity, transmission, distribution, usage & precaution of home appliances for the benefit of the SUSIE students and their parents on April 16, 2007. Two-day workshop on "Mobile Communication & GSM" was held during April 21-22, 2007. The speakers included Shri Ganapathy Hebbar, Shri Venkatesh and Shri Ramesh, BSNL.
- **Aero modeling demonstration** and an **industrial visit** to Doordarshan Kendra & ISRO Satellite Centre for the benefit of SUSIE -07 students were arranged.
- **Valedictory function** of SUSIE-07 and Prof N S Nagaraja Memorial Lecture were held on April 29, 2007. Prof H N Mahabala delivered a lecture on "From Nagaraja to VLSI" and distributed the certificates. An exhibition of electronics projects was held by students of SUSIE-07.
- A lecture on "FPGA Design & Xilinx Synthesis Tool demo" by Shri Karthik, NSRSAS, Bangalore and the inauguration of 2nd batch of SUSIE-07 on May 6, 2007.
- **World Telecommunication & Information Society Day** was celebrated jointly with IEEE, Bangalore Section and Institution of Engineers Technology (IET), Bangalore Network, on May 17, 2007.

Chandigarh

The centre celebrated the 39th World Telecommunication & Information Society Day on May 17, 2007. Shri Praveen Singh, Network Performance Head-North, Ericsson India Ltd, Chandigarh, the Chief Guest on the occasion, spoke on Radio Frequency Planning, Network Design and performance in the field of GSM Technology. Shri D S Pathania, Chairman of the centre, welcomed the dignitaries. Dr Pawan Kapur, CSIO, Vice Chairman, IETE Chandigarh Centre, highlighted the importance of the day and Shri J K Chhabra, Hony Secy

the centre, read out the messages of the UN Secretary General and ITU Secretary General. Shri R R Dongaonkar, Hony Treasurer, Chandigarh centre, presented vote of thanks.

Chennai

The World Telecommunication & Information Society Day 2007 was celebrated on May 17, 2007. Shri A Ganesan, Chairman centre, welcomed the audience. Shri V Appakutty, Council Member IETE, spoke on the theme. Dr D Swathanan, Vice Chancellor, Anna University Chennai, the Chief Guest, gave an informative and inspiring inaugural address. Er N Poonguzhali, ITS GM (Central), BSNL, Chennai telephones, delivered the keynote address detailing the major impact of ICT on youngsters. Others who delivered lectures on the occasion were: Er S Ramaswamy, CE, AIR & Poondarshan; Ms Rajani Seshadri, Head, TCS Telecom Solution Centre; Dr Vaidehi, Head Electronics Dept, MIT, Trompet and Er S Karthikeyan, Dir, Yahoo India. All engineering fraternity and professional bodies like IEEE, IET, CSI, CSI and BES were represented by respective President/Chairman. Er V S Sundaramurthy, Hony Secretary, proposed vote of thanks.

Coimbatore

The sub-centre celebrated the World Telecommunication & Information Society Day with the faculty members, ISF Members, representatives from AIR and telecom industries in the region. Shri R Murali, Deputy Manager, Reliance Communications, Coimbatore, was the Chief Guest who delivered the theme address **"Connecting the young: opportunities of ICT"**. Dr Padmanabhan, Immediate Past Chairman of the sub-centre presided over the panel of discussions. The panelists included: Shri Murali R, Reliance Communications; Dr Narayanan Kutty, ECE Professor, Amrita University; Shri C K Om Prakash, Station Engg, AIR; Prof R Radhakrishnan, Shri Ramakrishna Engg College; Prof P N Kumar, Vice Chairman, Computer Science Dept, Amrita University. Asst Prof Prashant R Nair, Hony Secretary, proposed vote of thanks.

A one-day workshop on **"Microcontrollers"** was conducted by Shri M Karthikeyan, Field Application Engg Microchip, on April 30, 2007. Dr Padmanabhan, Immediate Past Chairman of the sub-centre, presided over the workshop.

Delhi

The centre organized the following activities:-

A technical fest **"FNORD"** jointly by IETE Delhi centre

and Northern India Engg College on March 8, 2007. Dr A K Saini, Chairman Delhi centre, was the Chief Guest.

- A technical lecture **"Digital Video Compression Techniques"** by Dr P C Jain, ST Microelectronics, on March 18, 2007 and **"Nano Materials in Bio sensors for use in Bio Medical Instruments"** by Dr B L Melhotra, NPL, New Delhi on March 28, 2007.
- A technical fest **"Tech Span 07"** jointly by IETE Delhi centre and Bharati Vidyapeeth University Institute of Management and Research, New Delhi on March 30, 2007.
- The Delhi centre has started a new course on **"CCNA"** and a short course on **"Mind Power and Communication Skills"** for the benefit of the students.
- A seminar on **"Innovations in Information and Communication Technologies"** jointly with CSI, Delhi & Rai Foundation Engg College, Faridabad, on April 2, 2007.

Guwahati

The World Telecommunication and Information Society Day was celebrated by the centre on 17th May, 2007. The proceedings started with a mangalacharan giving auspicious touch to the event. Shri P M Dastidar, IGP (Comms) and Director of Police (Comms) Assam, presided over the function and stated that young people are the best promoters of ICT and the relevant theme of the day gives an opportunity to discuss the challenges ahead for young people to make difference in bridging the digital divide. Distinguished speakers on the occasion were Shri V Balaram, CSTE, NF Railway, Shri N Chandrasekhara, GM, Kamrup Telecom Dist, BSNL and Shri M K Yadav, MD, AMTRON. The keynote address on the theme was delivered by Shri Hargobinda Pathak, Director, Regional Meteorological Centre, Guwahati. Shri Vijay Kumar, DGM (NS) BSNL and Shri Amitabh Nath, Faculty Member, RTTC, BSNL, Guwahati, addressed the audience. Shri D M Baishya, Chairman, Shri A Narzary, Hony Treasurer and Shri Prasanta Saikia, Hony Secretary, Guwahati centre also spoke on the occasion.

Hyderabad

A two-day course on **"Global Positioning System Augmentations & Applications"** was organized on May 10-11, 2007 at the centre. The course was inaugurated by Shri P S R Krishna, CGM, AP Circle and Dr B M Reddy, INSA (Hon) Scientist, NGRI, Hyderabad delivered the keynote

address. Prof K Lal Kishore, Registrar, JNTU, the Chief Guest, distributed certificates to the participants.

Imphal

The 39th World Telecommunication & Information Society Day was organized by IETE Imphal sub-centre and co-sponsored by BSNL & AMITO (All Manipur Info Tech Org). Govt organizations, private organizations like NIC, DST, DOEACC, AIR, DDK, ISTV, AIRCEL, professionals, and students participated in the function. Prof Amarjit Lukram, Hon'ble Chairman, Manipur Public Service Commission, was the Chief Guest. Prof H Nandakumar Sarma, Pro VC, Manipur University and Shri S Budhachandra Singh, IAS, Commissioner, Science & Technology, graced the occasion as Guests of Honour. Shri H Kulachandra Singh, Chairman IETE Imphal sub-centre presided over the function. In his address he expressed confidence in bringing about a revolutionary change towards building an equitable information society through applications of ICT.

Jammu

- A two-day workshop on **"Tally and its Applications"** was organized by IETE Jammu sub-centre on 21-22 April, 2007.
- Celebrating the 39th World Telecommunication and Information Society Day on May 17, 2007, the Jammu sub-centre invited Shri R K Kaul, GM, BSNL, Jammu, as a Chief Guest and Shri S Rangil Singh, Chairman, Managing Committee of MBS College of Engg as Guest of Honour. Prof A S Sudan, Principal, MBS College, Prof S K Suri, Chairman, Jammu sub-centre, Shri R K Kaul, Shri Rangil Singh, Prof Parveen Lehana, Hony Secretary, were the speakers on the occasion. The function concluded with the vote of thanks by Prof Susheel Sharma from IETE centre.

Kolkata

The centre observed the World Telecommunication Information & Society day on May 17, 2007. Shri Rakesh Agarwal, CGM, WB, BSNL, was the Chief Guest and Dr S K Chakravarty, CGM, Calcutta Telephones, BSNL, was the Guest of Honour during the Telecom Day. The theme **"Connecting the Young- opportunities of ICT"** was explained by Gp Capt (Retd) M Mukutmoni. The addresses by the distinguished speakers were very informative and useful. Mementoes were given by the Chairman of the center, Prof (Dr) T K De and vote of thanks was proposed by Air Cmde (Retd) P Banerjee, VSM, Hony Secy, IETE Kolkata.

Lucknow

The centre celebrated the telecom day jointly with II and BSNL (E) Telecom, Lucknow, on May 17, 2007. Maj Gen S P S Grewal, CSO, Head Quarter Central Command Lucknow was the Chief Guest of the function. The keynote address was presented by Prof Dheeraj Sanghi, Head Centre, IIT, Kanpur. In his address he enumerated the problems of ICT in education institution. Shri B B Lal Chairman of the center and Shri Apoorva Agha, Chairmar IE(I) UP State center read out the messages from ITU. Shri Dharamraj Chaudhary, Hony Secy IE (I), presented vote of thanks.

Nagpur

- A technical lecture on **"Total Quality Management for Educational Institutions"** by Dr D A Deshpande, Director, Computer Studies and Research, VMV, Nagpur, was delivered on March 12, 2007 at the centre. He said that Total Quality Management provides overall concept that foster continuous improvement in an institution. The TQM philosophy stresses on a systematic, integrated, consistent, institution-wise perspective involving everyone and everything.
- **Late Dr P K Kapre Memorial Lecture** was organized on April 2, 2007. Shri Nitin Gujrathi, Chief Operation Officer, Premier Technology Pvt Ltd, Nagpur, was the keynote speaker, who spoke on **"Practice Management and Customer Relationship Management- A culture to stay on top"**. Lt Col R M Onkar (Retd), Chairman, IETE Nagpur centre, presided over the function and delivered the welcome address. Dr K R Bagree, Hony Secretary, conducted the proceedings of the function and proposed vote of thanks.
- Commemorating the 39th World Telecommunication & Information Society Day, IETE Nagpur centre celebrated the event with dignitaries like Shri K Narayanan, PGM, BSNL, Nagpur Telecom; Lt Col R M Onkar (Retd), Chairman; Shri K K Minocha, GM Maintenance, Western Telecom Region, Mumbai; Shri Pravin Punj, GM, Western Telecom Projects, Nagpur, and Dr M U Deshpande, former Dir, VNIT, Nagpur. Shri K Narayanan delivered the presidential address. Others present were Air Vice Marshal U A Deshpande (Retd), Shri Arvind Patil, Dy Gen Manager, Administration BSNL, Nagpur Telecom; Dr D A Deshpande, IP Chairman, IETE Nagpur centre, Er S P Gorowara, DIG BSF (Retd) and Prof Manish Damle. Dr K R Bagree, Hony Secy, IETE Nagpur centre, conducted the proceedings and proposed vote of thanks.
- Dr D A Deshpande, Dir, Computer Studies and Research, VMV, Nagpur delivered a lecture on **"Research Methodology"** on May 12, 2007.

Nashik

The activities conducted by the centre:-

- A technical visit to mobile dept of BSNL, Satpur, Nashik of degree and diploma students on Feb 23, 2007.
- A lecture by Dr Omprakash Kulkarni, CEO, Sharada Invention, at K K Wagh College of Engg Nashik, on March 15, 2007.
- District level mini project exhibition & competition on March 23, 2007 by K K Wagh College of Engg, under the banner of IETE Nashik Centre. It was inaugurated by Shri Ashok Weer, GM, Telecom Nashik. The winners were from KK Wagh COE, Nashik and NDMVP COE Nashik.

Palakkad

IETE Palakkad sub-centre and IE (I) Palakkad centre together celebrated the World Telecommunication & Information Society Day on May 17, 2007. Dr M R Vikraman, Principal, NSS College of Engg, Palakkad, delivered the keynote address. Shri C K Haridas, Chairman, Palakkad sub-centre, presided over the function. Shri T B Ramkumar, Chairman, IE (I), Palakkad, welcomed the audience. Shri Vincent A Alappat, Hony Secretary, IE(I), introduced the Chief Guest and Capt (Retd) R Sundaran, Hony Secretary, IETE, proposed the vote of thanks.

Patna

The 39th World Telecommunication & Information Society Day was celebrated by the Patna centre on May 17, 2007. The welcome address was by Dr Sita Ram Singh, Principal, A N College Patna. Shri Rakesh Kumar Agrawal, CGM, BSNL, Bihar Telecom Circle, Patna, was the Chief Guest on the occasion. Keynote address was delivered by Dr Lalan Singh, FIETE, Prof & HOD, MCA, A N College, Patna. Dr Randhir Singh, Head of the Public Administration, A N College, Patna, delivered the Presidential address. Prof (Dr) N K Goswami, Chairman, IETE Patna centre and Prof (Dr) A N Sahay, FIETE, Vice-Chairman, IETE Patna centre, were among the others who spoke. Dr Arun Kumar, FIETE, Hony Secy, IETE Patna centre, proposed vote of thanks.

Pilani

Commemorating the 39th World Telecommunication & Information Society Day at the centre on May 17, 2007, Dr B R Singh, Acting Director CEERI, welcomed the speakers, guests and audience and appreciated the good work being done by the centre. There were two invited technical talks arranged during the function. The first was jointly

delivered by Shri Karan Singh and Shri S R Saini, Division Engineers, BSNL on "**Current Telecommunication Network and Future Plans for Jhunjhunu Telecom District**", which the speakers gave detailed overview of available communication system including landlines, mobile phone and Internet connections. They also presented the proposed plans including for broadband Internet facilities. The second lecture was on "**ICT and youth: Challenges and Opportunities**" by Shri Raj Singh, a senior scientist at CEERI. He presented a brilliant analysis of present day information and communication technologies, particularly from the point of view of younger generation. Dr L M Joshi, Chairman, Shri Satish Kumar, Hony Secy and Dr Bhanu Prasad, Hony Treasurer also spoke on the occasion. Dr Jamil Akhtar, Scientist and member Executive Committee presented vote of thanks. Dr G Eranna, member Executive Committee, conducted the proceedings of the function.

Pune

IETE Pune centre conducted the following:-

- "**Prodigy'07**" - a national level technical event during 6th-8th March 2007, comprising activities like paper presentation, project exhibition & competition, quiz, group making, programme skills in "C" & Roborace.
- A technical talk on "**Energy Saving in Lighting**" by Shri Chandrashekhar Choudhari on March 24, 2007.
- Student's meet on March 27, 2007 on the occasion of 35th Foundation Day of the IETE Pune Centre.
- Finolex Endowment Lecture on "**Ventilators for Life Support**" by Shri R K Bharucha.
- A technical talk on "**WiMax and WiFi**" by Prof. Dr. Nabegha Masood, MES's College of Engg, Pune on April 14, 2007.
- **Project competition** in the streams of Electronics, Telecommunication and Instrumentation, Computer Engineering and IT.
- A lecture on "**Mechatronics & Its Application**" by Dr Anil Saharabudde.
- Celebration of 39th World Telecommunication & Information Society Day on May 17, 2007 jointly by IETE Pune and IE(I) Pune. Shri G K Agarwal, Hony Secy, Pune Telecom Dist, the Chief Guest on the occasion gave an excellent lecture on "Connecting the world: opportunities of ICT". The welcome address was given by Mrs Jyotsna Chaubal Deshpande, Chairperson IE(I) Pune. Messages from ITU were read by Prof S K Kshirsagar, Chairman, IETE Pune centre. The vote of thanks was proposed by Prof K K Ghosh, Hony Secretary IETE Pune.

Rajkot

A regional seminar on "Emerging Technologies in Embedded Systems" (ETES-2007) was inaugurated by Dr G R Kulkarni of CU Shah College of Engg & Technology, Wadhwan City, Surendranagar, on March 25, 2007. He also delivered the keynote address on "Overview of Embedded Systems". Prof M V Garach, Principal Govt Engg College Rajkot, presided over the function. The welcome address was by Shri C M Devani, Chairman, Rajkot centre. The invited speakers who spoke included Dr N N Jani, Head of Comp Dept, Saurashtra University on "Design Issues of Embedded Systems", Prof R P Sandhani, CU Shah Coll of Engg & Tech on "Concept of Real/ Embedded Operating Systems" and Prof A C Sukthar, CU Shah Coll of Engg & Tech, on "Embedded system for Wireless Communication using VLSI". All the participants were given certificates for their participation. Prof V M Patwari, Convenor of the seminar, proposed the vote of thanks.

Vijayawada

The IETE and IE (India) Vijayawada local centers jointly celebrated the 39th World Telecommunication and Information Society Day on May 17, 2007. The keynote speaker was Dr M B Ramamurthy, Dean-PG (Engg), R&D, Gudlavalluru Engg College, Gudlavalluru. Shri C Venkatramanna, Chairman, IETE local centre and Dr K R K Prasad, Chairman IE(I), presided over the function. The meeting concluded with vote of thanks by Shri N Venkatram, Hony Secretary, local centre.

Warangal

The President IETE, Shri S Narayana inaugurated the new premises of Warangal sub-centre on April 14, 2007. The others present on the occasion were Prof K Laxminarayana, Chairman MLCC; Shri K S Prakash Rao, Zonal Coordinator; Shri R K Gupta, Chairman TPC; Prof B L Deekshatulu, Brig (Retd) V K Panday, Secretary General, IETE; Shri R Venkatraman, Chairman Hyderabad centre and IETE council members. A seminar on "Information & Communication Technology for Agriculture" was arranged by the sub-centre on the same day which was inaugurated by Capt V Laxmikantha Rao, MLA & former Minister. Shri S Narayana, presided over the function and Shri Basavaraj, a newly elected council member was introduced to the IETE fraternity. Amongst others, Prof B L Deekshatulu; Prof M Surendra Prasad Babu, Andhra University; Prof K Krishna Reddy, IIIT; Shri K Mrutyunjaya Reddy, Dir APRSAC, Hyderabad, delivered expert lectures on the theme topic. More than 50 farmers in 200 delegates attended the seminar and interacted with speakers on the usage of technology at rural level.

ISF ACTIVITIES

- **ISF at Rizvi College of Engineering, Bandra, Mumbai**, was inaugurated on Mar 02, 2007. The speakers on the occasion were: Dr T S Rathore, Chairman IETE Mumbai centre; Shri K Balasubramaniam, DGM, MTNL, CBD Navi Mumbai and Hony Secy, IETE Navi Mumbai sub centre; Dr S G Kirloskar, Principal; Prof J W Bakal, Principal, BVP College of Engg, Navi Mumbai, Vice Chairman & ISF Coordinator; Prof Varsha Shah, HOD, Electronics Engg and Electronics & Telecommunication Engineering Dept. The vote of thanks was proposed by Ms Shaikh Raksha Anjum, ISF-Student Secretary.
- A lecture on "Optical Fibre Communication and Optical Sensor" by Shri J K Chhabra, Dy Dir, CSIO, Chandigarh, was organized on March 11, 2007 at **Indo Global College of Engg, Abhipur, Mohali, Punjab**.
- **Jaya Engg College-ISF** organized a national level symposium titled "INFRACTIONZ-2007" on March 15, 2007 jointly with the Association of Electronic and Communication Engineers of Jaya Engg College. Best ten papers by students all over India were presented. In addition competition was conducted and prizes awarded. The Chief Guest, Shri J Shanthana Krishnan, Principal, RTTC, Chennai spoke on "Mobile Communication & Wireless Communication".
- **ISF at Chandigarh Engineering College, Landran Mohali** was inaugurated by Shri D S Pathania, Chairman IETE Chandigarh Centre, on March 29, 2007. Dr D G Bansal, Principal of the college, presided over the function.
- **ISF at Sri Kottam Tulasi Reddy Memorial College of Engg, Kondair**, was inaugurated by Shri R Venkatraman, Chairman IETE Hyderabad centre, on March 30, 2007.
- **ISF at Dr Ambedkar Institute of Technology, Bangalore** was inaugurated by Shri R Srinivasa Rao, Project Director Systems Avionic Division, Aeronautical Development Agency (ADA), Bangalore. Shri Giridhar Joshi, Chairman, IETE Bangalore centre, was the Guest of Honour. Shri Subramanian Kashi Bhat delivered a lecture on DSP & its application.
- A lecture on DSP processor and its application by Shri Ameresh Patil, Philips was delivered at **ISF of Dr Ambedkar Institute of Technology, Bangalore** in May, 2007.
- **ISF at JNNCE, Shimoga**, held a workshop on "Placement opportunities and preparations required" by Prof G Suresh on May 15, 2007.

- ISF at LNCT, Bhopal, celebrated the World Telecommunication & Information Society Day by organizing a function together with large number of ISF students and faculty of the college on May 17, 2007.

PAC ACTIVITIES

The Professional Activity Centre (PAC) of IETE organized :-

- A technical talk on "Mars Exploration" by Shri Gajanan Engineer, NASA USA, on Feb 9, 2007 at Dept of E&C, JNNCE, Shimoga.

- A one-day workshop on "Embedded System and Projects" by Shri Loganathan V, CEO, ISM, Bangalore on May 21, 2007 for the 6th semester EC/TC students and PAC members.
- ISF at JNNCE, Shimoga arranged a technical lecture on "Satellite Communication" by Prof P R Muralidhar, Visiting Professor at RVCE, Bangalore on May 5, 2007 during annual function of ISF activities for the PAC and ISF members.

OBITUARY

Dr N C Goyal (F014656L) – Founder of IETE Gwalior sub-centre, Past Chairman of the sub-centre passed away recently at Gwalior. He was very active member of IETE and had been HOD & Prof, Deptt of Electronics & CSE, MITS, Gwalior. IETE mourns the sad demise and conveys profound condolence to the bereaved family.

Shri B B Bhattacharya (F 19803L) – IETE mourns the sudden demise of Fellow member of Patna centre, Shri B B Bhattacharya and conveys profound condolence to the bereaved family.

Important Notice for all Members

- IETE Technical Review (TR) is available on IETE websites www.iete.org and www.iete.info. This is freely downloadable and each issue will be available on websites for six months. Hard copy of TR (commencing Jan-Feb 2007 issue) is not being mailed to Corporate and Organizational Members who have not exercised their option by the due date to receive hard copy of the journal.
- A Student Interactive Cell (SIC) has been established at IETE HQ (Ground Floor) to attend to the queries of the students. The contact telephone number of the cell is 011-4150 6490 (D), 24631830/40/50-Extn-57 and the e-mail : sic@iete.info. Students are advised to contact SIC for all queries / information /help. Students visiting IETE Hq are requested to contact Reception and SIC for all kind of information/ help.
- Students who have completed their AMIETE/ DIPIETE may send their resume at sic@iete.info for placement assistance.
- All students are to note that the names written in various documents of IETE should be as per their High School certificates. Any discrepancy be brought to our notice immediately along with certified copy of the certificates.
- All IETE local /sub-centres are requested to send regularly the inputs of currently conducted technical programme / activities and other relevant information along with suitable photographs with clear captions and names to the IETE HQ (Asstt Secy (M& PR)) latest by 10th of every second month to incorporate these in the IETE Newsletters for bimonthly publication.
- All IETE Members are requested to keep IETE HQ (Asstt Secy (M& PR)) updated with their latest addresses and relevant details to facilitate timely delivery of important letters and IETE Journals.

CALENDAR OF EVENTS

Subject	Date	Venue	Contact
<p>“ Zonal seminar on “3G Networking Optimization and Emerging Communication Technologies” (3G NOECT-2007)</p>	24-25 Aug 2007	Chandigarh	<p>Shri J K Chhabra, Scientist ‘F’ Convener ((3G NOECT-2007), Coherent Optics Division, CSIO, Sec- 30 C, Chandigarh-160030 Tel : 0172-265781, Ext 446 Fax : 0172-2657333, 2657267 E-mail : chhabra_jk@yahoo.com ; gssingh55@yahoo.com</p>
<p>“ An International Conference on “Nanotechnology & Healthcare Applications” (NateHCA-07)</p>	11-13 Oct 2007	Mumbai	<p>Dr K T V Reddy Hony Secretary, IETE Mumbai Centre C/0 BSNL Comlex, Juhu Road, Santacruz (W), Mumbai-400 054 Tel : +91 22 2661 0124, Tel Fax +91 22 2660 9598 E-mail: ietemumbai@mtnl.net.in Website: ietemumbai.org</p>
<p>“ World Congress on “Urban Infrastructure in Developing Countries”</p>	12-16 Nov 2007	New Delhi	<p>Shri S R Pandey Organizing Secretary, World Congress on Urban Infrastructure in Developing Countries. The Institution of Engineers (India), Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi-110 002 Ph: +91 11 2337 0548, 23370168 Fax : +91 11 2337 8851; E-mail: oc@worldcongress07.org Website: www.worldcongress07.org</p>
<p>“ The 10th International Symposium on Wireless Personal Multimedia Communications, Jaipur (WPMC’07)</p>	3-6 Dec 2007	Jaipur	<p>Secretariat, WPMC’07 The LNM Institute of Information Technology, Jaipur, Rupa-Ki-Nangal, P O Sumel, Via Kanota Jaipur-303012 Ph : 0141-217 0717/5189213 Fax: +91 (141)-5189216; E-mail: vsinha@iitk.ac.in Websites: http://www.wpmc2007.com</p>
<p>“ International Conference on Computational and Intelligence Multimedia Applications 2007 (ICCIMA’07)</p>	13-15 Dec 2007	Sivakasi	<p>Dr S Arivazhagan Organizing Chair ICCIMA’07 Dept of Electronics & Communication Engg, Mepco Schlenk Engineering College Sivakasi-626 005, Tamil Nadu Ph : +91 4562 235400, 235000 Fax: +91 4562 235111; Email: iccima07@mepcoeng.ac.in URL: www.iccima07.mepcoeng.ac.in</p>



50th GOLDEN JUBILEE ANNUAL TECHNICAL CONVENTION

on

Interactive ECTs – A focus on Rural India

29-30 Sept 2007

Venue: Hotel Minerva Grand, Sarojini Devi Road,
Secunderabad – 530 003

About IETE

The Institution of Electronics and Telecommunication Engineers (IETE) is one of the largest technical professional societies in India. Established in 1953 by a small group of pioneering practitioners of electronics, telecommunications and related disciplines, IETE has now over 54,000 members spread all over India and abroad. IETE, through its members, provides leadership in a number of scientific and technical areas of direct importance to national development. IETE members hold key appointments in several scientific and technical fields and are actively engaged in the development of electronics, telecommunications, computer systems and information technology in India and abroad. The objectives of the IETE focus on advancing the Electronics & Telecommunication Engineering.

About IETE Hyderabad Centre

The IETE, Hyderabad Centre, established in the year 1973, has grown to be the most prominent among the IETE centres in the country. In these 34 years, the centre made many rapid strides in reaching physical as well as academic heights. The centre has its own infrastructure facilities like Buildings, Auditorium, Conference Hall, Library, Electronics and Information Technology Laboratories, Internet, Workshops, Class Rooms, Exhibition Hall etc. In recognition of its alround performance the Hyderabad centre has been adjudged as the "Best Centre" for five times earlier and also for the year 2003-04. Hyderabad Centre is offering various courses for the development of manpower and is conducting programmes for professional development.

IETE 50th Annual Technical Convention 2007 is being organized at Hyderabad on 29 -30 Sept 2007 on the subject "Interactive ECTs - A focus on Rural India".

The Theme and Call For Papers

The IETE invites papers on any of the topics listed below for its 50th Golden Jubilee Annual Technical Convention. We are particularly interested in papers that propose new directions, advocate non-traditional approaches, or generate lateral thinking and provoke discussion. In addition, papers in the general area of Information Technology, Communication and Media/Entertainment are also invited. It will be desirable if the presentations are focused on the impact of ECTs including Rural India

Topics

The broad topics which will be deliberated upon during this Golden Jubilee Annual Technical Convention are

- NG Networks
- ECT for Rural Development
- VOIP - Triple Play Technologies
- Spread of Computers in Remote Areas and Local Language Capabilities in Software

- Impact of Technology on Telemedicine, Banking and Agriculture
- Conventional and Non-conventional Power Management Solutions
- Broadband Services - Future Scenario
- Edusat - Technology & Application
- Interactive Broadcasting

Other Events

- Tutorials Trends in VLSI Design and EDA Tools on 28th 2007
- 39th Bhabha Memorial Lecture
- 30th Ramlal Wadhwa Award

Delegates Registration

IETE invites individuals, government organizations and other government departments to register in large numbers for the event.

Delegate fee

Corporate members	: Rs 1,000/-
Students/Forum members	: Rs 750/-
Others	: Rs 2,500/-

Tutorials Fee

Corporate members	: Rs 1,000/-
Students/Forum members	: Rs 750/-
Others	: Rs 2,000/-

Please send your Papers, Delegate fee, etc to the following address

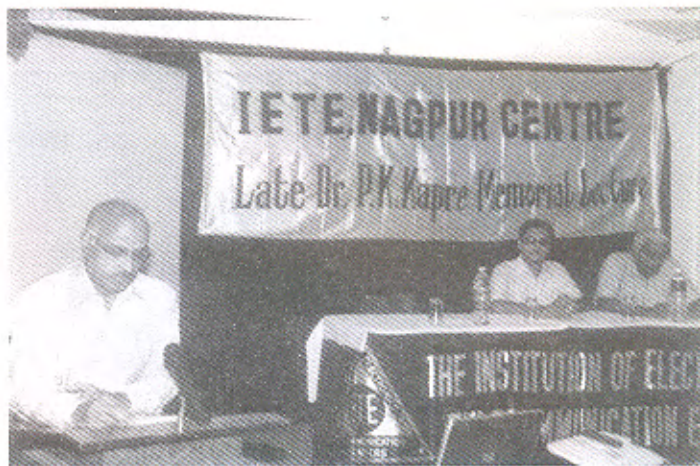
Prof Alladi Prabhakar Chairman Organising Committee ATC-07	Shri R Venkatraman Chairman, Hyderabad Centre (O) 040-27120283 (M) 09849066243, Fax : 040-27126221 Email : venkatpec@sify.com
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Website : www.ietehyd.org And / or

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Chairman, Technical Programme Committee
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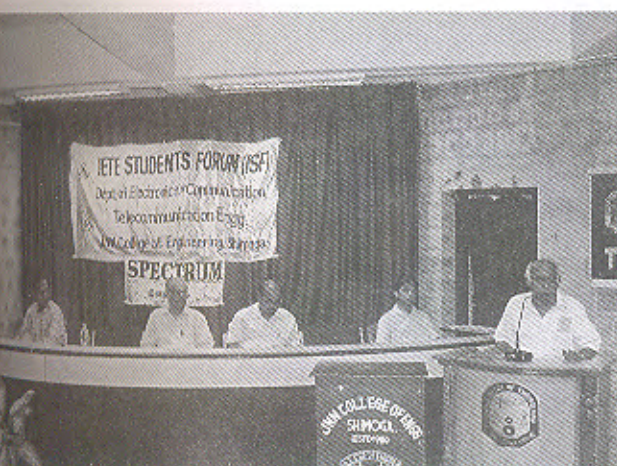


Summer School in Electronics (SUSIE-07), Bangalore centre.



Late Dr P K Kapre Memorial Lecture at IETE Nagpur Centre

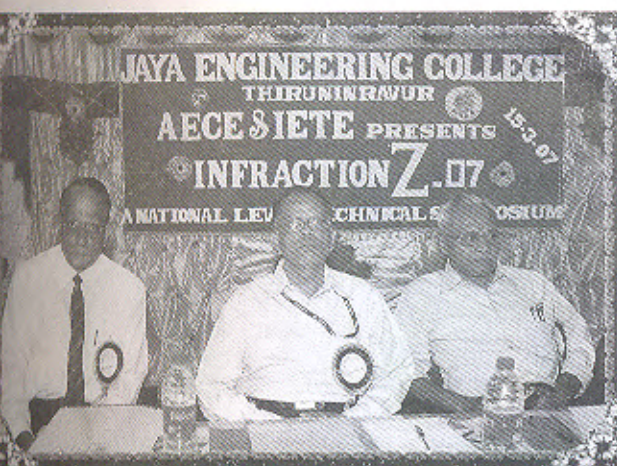
ISF Activities



Shri Narayan Murthy addressing ISF at JNNCE, Shimoga.



A view of the dais during inauguration of ISF at Shri Kottam Tulasi Reddy Memorial College of Engg, Kondair.



Infraction Z-07" - a national level technical symposium at ISF, Jaya Engg College, Thiruninravur.

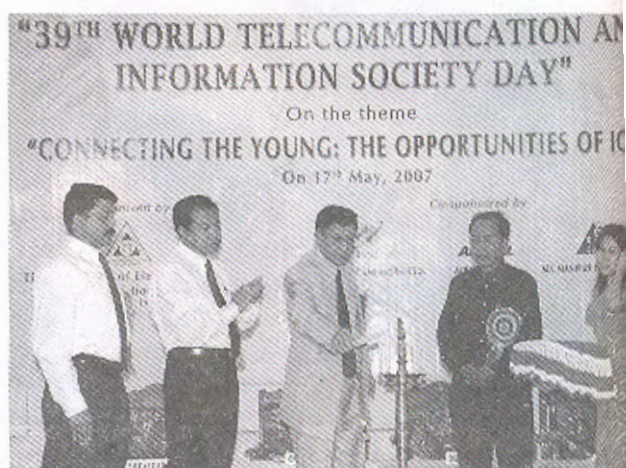


A view of the dais during inauguration of ISF at Chandigarh Engg College, Landran.

Activities of IETE sub-centres



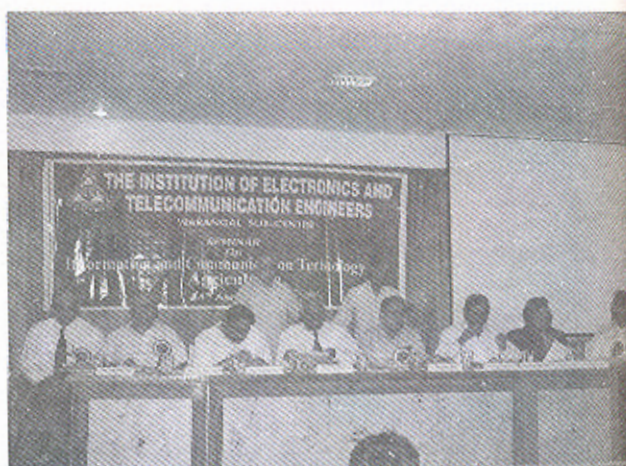
IETE Coimbatore sub-centre, a view of the dais on World Telecom Day.



Inaugural session, IETE Imphal sub-centre on Telecom day.



Dr Vikraman, delivering the keynote address, Palakkad sub-centre during World Telecom Day 2007.



Seminar in progress on "Information & Communication Technology for Agriculture" at Warangal sub-centre, on April 04, 2007.



Inauguration IETE Warangal sub-centre, premises by President IETE.



Project & exhibition competition by ISF, K K Wagh COE, Nashik.

39th World Telecommunication & Information Society Day Celebrations at IETE HQs and Local Centres (May 17, 2007)



Celebrations at Kolkata centre.



Discussions on Telecom Day at Lucknow centre.



Dignitaries on dais, Nagpur centre.



Lighting of the inaugural lamp during celebration at IETE Patna centre.



Dr L. M Joshi, IETE Pilani centre addressing audience.



Celebration at Pune centre.



Dignitaries on dais at Vijayawada centre.



Releasing CDs during short-term course at IETE Hyderabad centre.



The Chief Guest Shri Kiran Kamik, President NASSCOM, addressing the Apex Forum at New Delhi on April 21, 2007.



President IETE, Shri S Narayana felicitating Shri P K Garg on his election as a Member, Radio Regulation Board (RRB), ITU.



The Chief Guest being welcomed by IETE President.



Apex Forum at IETE Kolkata centre.

Note: The Institution of Electronics and Telecommunication Engineers assumes no responsibility for the statements and opinions expressed by individual author and speakers.

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